

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 126  | ((tape adj carrier adj package) TCP (Chip adj on adj film) chip-on-film cof u-bga (micro adj ball adj grid adj array) micro-ball) same lead same (bent\$3 curve curved curvy wavy waves zig-zag zig s-shape s-shaped)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/10 16:44 |
| L2    | 16   | 257/735.ccls. and @pd>"20060915"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/10 16:58 |
| L3    | 20   | 257/696.ccls. and @pd>"20060915"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/10 16:58 |
| L4    | 63   | 257/690.ccls. and @pd>"20060915"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/10 16:59 |
| L5    | 0    | tape adj carrier adj package and (lead with wavy) and @pd>"20060915"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/10 17:00 |
| L6    | 9    | (tape with (substrate package)) and beam adj lead and @pd>"20060915"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/10 17:01 |
| L7    | 6    | ((tape adj carrier adj package) TCP (Chip adj on adj film) chip-on-film cof u-bga (micro adj ball adj grid adj array) micro-ball) same lead same (bent\$3 curve curved curvy wavy waves zig-zag zig s-shape s-shaped) and @pd>"20060915" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/10 17:05 |
| L8    | 38   | ((tape adj carrier adj package) TCP (Chip adj on adj film) chip-on-film cof u-bga (micro adj ball adj grid adj array) micro-ball) same lead same (bent\$3 curve curved curvy wavy waves zig-zag zig s-shape s-shaped)                    | US-PGPUB  | OR               | ON      | 2007/03/10 17:05 |

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|    |       |  |   |    |     |                  |
|----|-------|--|---|----|-----|------------------|
| S1 | 113   | ((tape adj carrier adj package) TCP<br>(Chip adj on adj film) chip-on-film<br>cof u-bga (micro adj ball adj grid adj<br>array) micro-ball) same lead same<br>(bent\$3 curve curved curvy wavy<br>waves zig-zag zig s-shape s-shaped) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/10 16:43 |
| S2 | 0     | 25/735.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/01 19:26 |
| S3 | 506   | 257/735.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/10 16:57 |
| S4 | 1000  | 257/696.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/10 16:58 |
| S5 | 1725  | 257/690.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/10 16:59 |
| S6 | 2     | ("5744859").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/09 13:16 |
| S7 | 1     | tape adj carrier adj package and<br>(lead with wavy)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/10 17:00 |
| S8 | 4     | (tape with (substrate package)) and<br>(lead with wavy)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/09 14:02 |
| S9 | 16057 | (tape with (substrate package)) and<br>lead  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/09 14:02 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S10 | 306 | (tape with (substrate package)) and beam adj lead   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 15:10 |
| S11 | 101 | 257/735,690,696.ccls. and @pd>"20051001"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/09 14:56 |
| S12 | 7   | (tape with (substrate package)) and corrugated with lead  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 14:56 |
| S13 | 242 | 257/735,690,696.ccls. and @pd>"20051001"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 13:47 |
| S14 | 7   | (tape with (substrate package)) and corrugated with lead  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 14:56 |
| S15 | 120 | ((tape adj carrier adj package) TCP (Chip adj on adj film) chip-on-film cof u-bga (micro adj ball adj grid adj array) micro-ball) same lead same (bent\$3 curve curved curvy wavy waves zig-zag zig s-shape s-shaped) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/10 17:01 |
| S16 | 319 | (tape with (substrate package)) and beam adj lead   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/10 17:01 |

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